

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claims 1-3 (cancelled)

Claim 4 (previously amended): A method as claimed in claim 38, wherein vascular collateralization of the embolized vasculature is absent or sufficiently delayed such that said composition is therapeutically effective.

Claim 5 (previously amended): A method as claimed in claim 38, wherein said non-polymeric particulate matrix comprises an insoluble phosphate salt of the formula



wherein

M = Ba, Ca, Cd, Mg, Pb or Sr

A = OH<sup>-</sup>, Cl<sup>-</sup>, F<sup>-</sup> or CO<sub>2</sub><sup>-2</sup>

Z = 2 if A is univalent, 1 if A is divalent.

Claim 6 (previously amended): A method as claimed in claim 5, wherein said insoluble phosphate salt is hydroxyapatite, Ca<sub>10</sub>(PO<sub>4</sub>)<sub>6</sub>OH<sub>2</sub>.

Claim 7 (cancelled)

Claims 8-37 (withdrawn)

Claim 38 (currently amended): A method of embolus therapy comprising the steps of: introducing into the vasculature of a human or non-human animal subject an embolus generating composition comprising particles of a size or formulation selected to generate emboli at a target site within said subject, wherein said embolus generating composition ~~includes~~ comprises solid water insoluble particles 10-20 micrometers in size consisting essentially of a water insoluble non-radioactive diagnostically effective compound encapsulated in a non-polymeric particulate matrix selected from the group consisting of insoluble metal oxides, insoluble metal salts, inert metals, glass, ceramic particles and porous particles, ~~or vesicles encapsulating a non-radioactive diagnostically effective compound, or a solution thereof~~, and wherein said embolus generating composition further comprises an iodinated contrast agent, MR active agent, or ultrasound contrast agent imageable marker to identify the extent of embolization; and detecting the embolus location by a diagnostic imaging technique.

Claims 39-40 (cancelled)